

CLAIMS

1. An alkaline battery comprising:
a negative electrode including a negative electrode mixture that contains a zinc alloy as an active material, said zinc alloy containing at least aluminum;
an alkaline electrolyte; and
a positive electrode,
wherein said alkaline electrolyte comprises an aqueous KOH solution and LiOH and an aluminum compound that are dissolved in said aqueous KOH solution.
2. The alkaline battery in accordance with claim 1, wherein the amounts of the LiOH and the aluminum compound contained in the electrolyte in said negative electrode mixture are 0.1 to 2 wt% and 0.001 to 0.2 wt% of the negative electrode mixture, respectively.
3. The alkaline battery in accordance with claim 1, wherein the amounts of the LiOH and the aluminum compound contained in the electrolyte in said negative electrode mixture are 0.15 to 3 parts by weight and 0.0015 to 0.3 parts by weight per 100 parts by weight of said zinc alloy.
4. The alkaline battery in accordance with claim 1 or 2, wherein the weight ratio of the whole alkaline electrolyte to the zinc alloy of the negative electrode is 0.1 to 2.